

**WHAT IS CLAIMED IS:**

1. A television (TV) assembly process, comprising:
  - recording, in a data structure, bar code information pertaining to at least one component of a TV;
  - transporting the TV to a landing adjust station;
  - as necessary, adjusting the landing of the TV;
  - prior to making other adjustments, storing information regarding landing adjustments of the TV in the data structure;
  - transporting the TV to a conversion adjust station in the same facility as the landing adjust station;
  - as necessary, adjusting the conversion of the TV; and
  - prior to making other adjustments, storing information regarding conversion adjustments of the TV in the data structure.
  
2. The process of Claim 1, further comprising:
  - transporting the TV from the conversion adjust station to a white balance adjust station in the same facility as the landing adjust station;
  - as necessary, adjusting the white balance of the TV; and

prior to making other adjustments, storing information regarding white balance adjustments of the TV in the data structure.

3. The process of Claim 2, further comprising:

transporting the TV from the white balance adjust station to a geometry adjust station in the same facility as the landing adjust station;

as necessary, adjusting the geometry of the TV; and

prior to making other adjustments, storing information regarding geometry adjustments of the TV in the data structure.

4. The process of Claim 1, comprising taking corrective action in response to information regarding an adjustment prior to making another adjustment.

5. The process of Claim 1, wherein the data structure includes:

at least one component identification derived from a bar code;

correlated with the component identification, information regarding plural adjustments.

6. The process of Claim 5, wherein the component identification is a serial number.
7. The process of Claim 1, wherein the data structure is accessible over an intranet.
8. A TV assembly facility, comprising:
  - at least one assembly station including means for reading bar codes;
  - at least one means for transmitting bar code information to a data store;
  - at least one landing adjust station including means for transmitting information related to landing adjustment to the data store; and
  - at least one conversion adjust station including means for transmitting information related to conversion adjustment to the data store.
9. The facility of Claim 8, wherein all stations are located in a single facility.
10. The facility of Claim 8, further comprising:
  - at least one white balance adjust station including means for transmitting information related to white balance adjustment to the data store; and

at least one geometry adjust station including means for transmitting information related to geometry adjustment to the data store.

11. The facility of Claim 8, wherein the data store is accessible over an intranet.

12. The facility of Claim 8, wherein the data store includes:  
at least one component identification derived from a bar code;  
correlated with the component identification, information regarding plural adjustments.

13. The facility of Claim 8, wherein each means for transmitting information transmits information no later than the TV moving to a next station.

14. A method for assembling televisions (TVs) in a single facility, comprising:  
sending serial number information related to a TV to a data store;  
sending landing adjustment information to the data store;  
correlating the landing adjustment information with the serial number information;

after the correlating act, sending conversion adjustment information to the data store; and

correlating the conversion adjustment information with the serial number information.

15. The method of Claim 14, further comprising:

sending white balance adjustment information to the data store; and

correlating the white balance adjustment information with the serial number information.

16. The method of Claim 14, further comprising:

sending geometry adjustment information to the data store; and

correlating the geometry adjustment information with the serial number information.

17. The method of Claim 14, wherein the data store is accessible over an intranet.

18. The method of Claim 14, wherein the data store includes:

at least one component identification derived from a bar code;  
correlated with the component identification, information regarding plural adjustments.

19. A data structure for holding TV assembly information, comprising:  
at least one TV identification column;  
at least one component serial number column storing serial numbers of components associated with TVs identified in the TV identification column; and  
plural adjustment information columns correlating information regarding various adjustments with associated TV and component information.

20. The data structure of Claim 19, wherein the adjustment information columns include at least one landing adjustment information column populated with information related to adjustments made to a TV identified in the TV identification column.

21. The data structure of Claim 19, wherein the adjustment information columns include at least one conversion adjustment information column populated with

information related to adjustments made to a TV identified in the TV identification column.

22. The data structure of Claim 19, wherein the adjustment information columns include at least one white balance adjustment information column populated with information related to adjustments made to a TV identified in the TV identification column.

23. The data structure of Claim 19, wherein the adjustment information columns include at least one geometry adjustment information column populated with information related to adjustments made to a TV identified in the TV identification column.

24. The data structure of Claim 19, wherein the TV identification column and component serial number column are populated by serial number information read from bar codes.

25. The data structure of Claim 19, wherein the component serial number column stores serial numbers of deflection yokes.

26. The data structure of Claim 19, wherein the component serial number column stores serial numbers of printed wiring boards.

27. A data structure for holding TV assembly information, comprising:

at least one TV identification column;

at least a first component serial number column storing serial numbers of deflection yokes;

at least a second component serial number column storing serial numbers of printed wiring boards;

at least one landing adjustment information column populated with information related to adjustments made to a TV identified in the TV identification column;

at least one conversion adjustment information column populated with information related to adjustments made to a TV identified in the TV identification column;

at least one white balance adjustment information column populated with information related to adjustments made to a TV identified in the TV identification column; and



at least one geometry adjustment information column populated with information related to adjustments made to a TV identified in the TV identification column.